

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: LUEDKE et al.
Serial No.: Not Yet Assigned
Filed: Herewith
For: MIXING OF FLUIDS
Art Unit: Not Yet Assigned
Examiner: Not Yet Assigned
Confirmation No.: Not Yet Assigned
Customer No.: 27623
Attorney Docket No.: 20030945-2

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

____ Within three (3) months of the filing date of the national application;

XXX Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;

____ Before the mailing date of a first Office Action on the merits;

- _____ After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

- _____ After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

- _____ After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and

- _____ After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).

- _____ Filing with RCE Under 37 CFR 1.114, thus no fee is required.

37 C.F.R. 1.98 does not require a copy of U.S. patents or published U.S. patent applications to be included with an information disclosure statement. Accordingly, Applicant is not including a copy of any U.S. patent or published U.S. patent application.

We are also enclosing copies of the non-US publications listed on the attached PTO-1449.. Copies of the following patents and articles are not enclosed because they are not in the possession of the undersigned: "Honey, I Shrunk the Lab", Nature Vol. 118, August 2002, page 447 to 457 and "Chaotic Mixing in Electrokinetically and Pressure Driven Micro Flows", Lee et al., 2001 IEEE 483-486.

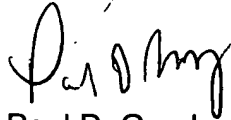
It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may

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deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



May 24, 2006

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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) 20030945-2	Application Number Not Yet Assigned 10/580478
	Applicant LUEDKE et al.	
	Filing Date Herewith	Group Art Unit Not Yet Assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/125134	9/12/02	MIKKELSEN et al.			
	2003/031090	2/13/03	TABELING et al.			
	6,413,400	7/2/02	SOANE et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	102 13 003	10/16/03	Germany				
	1 382 962	1/21/04	Europe				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.